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ABSTRACT OF THE DISCLOSURE

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3 A gas centrifuge operating to separate gases
4 of differing chemical composition and molecular weight
5 by a centrifugal force field. Such a centrifuge is
6 operable to separate methane and carbon dioxide, and to
7 produce torque, and a cascade of such centrifuges is
8 operable to concentrate produced streams of carbon
9 dioxide and methane, and to produce torque. A compact
10 centrifugal gas processing system incorporating the gas
11 centrifuge with other centrifugal components, is also
12 provided.

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